



Innovative **Technology**
for a **Connected** World

Circular Polarity RFID Panel Antenna

PAL90209H PAR90209H



902-928 MHz 9 dBiC CIRCULAR POLARITY PANEL

The Laird Technologies' PAL90209H antenna is a circularly polarized panel antenna that provides reception and transmission of signals in the 902-928 MHz frequency band. Laird Technologies' industry-renowned design methodology achieves maximum efficiency and performance across the entire frequency band.

Both VSWR and axial ratios are excellent and allow the user to achieve the maximum performance for an antenna of this type. The antenna is housed in a heavy duty radome enclosure that can be directly wall mounted. An optional articulating mount allows either wall or mast mounting. The antenna is offered with an integrated fixed connector with a variety of connector types.

FEATURES

- Low profile
- Extremely low VSWR and axial ratio
- Weather and UV resistant radome
- Wide range of connector options
- Left hand and right hand CP versions
- IP67 Enclosure

APPLICATIONS

- Warehouse
- Distribution center
- Airports and hospitals
- Transit terminals
- Conveyor belt

global solutions: local support™

Americas: +1.847.839.6907
IAS-AmericasEastSales@lairdtech.com

Europe: +44.(0).1628.858941
IAS-EUSales@lairdtech.com

Asia: +86.21.5855.0827.127
IAS-AsiaSales@lairdtech.com

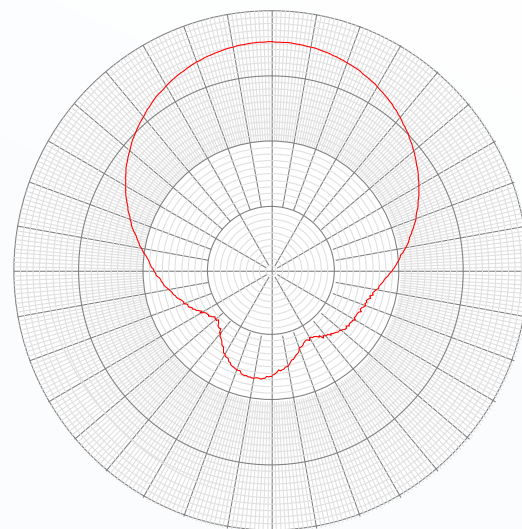
www.lairdtech.com

Circular Polarity RFID Panel Antenna

PAL90209H PAR90209H

SPECIFICATIONS

Antenna Part Number	PAL90209H PAR90209H
Frequency Range	902 - 928 MHz
Gain	9 dBic
Maxium VSWR	1.3:1
3 dB Beamwidth - Azimuth	70°
Front to Back Ratio	20 dB
Polarization	Circular Right or Left
Maxium Input Power	10 Watts
Input Impedence	50 Ohms
Axial Ratio	1dB Typical
Weight (Kg)	2.3 lbs (1.04)
Mechanical Size	10.2" x 10.2" x 1.32"
Antenna Connection	Fixed, Type N Female
Radome	High Strength PC
Mount Style	Threaded Stud
Temperature Operational	-25°C to +70°C
Lightning Protection	DC Grounded
Environmental Rating	IP 67



915 MHz

ANT-DS-PAL90209H PAR90209H 0812

Any information furnished by Laird Technologies, Inc. and its agents is believed to be accurate and reliable. All specifications are subject to change without notice. Responsibility for the use and application of Laird Technologies materials rests with the end user, since Laird Technologies and its agents cannot be aware of all potential uses. Laird Technologies makes no warranties as to the fitness, merchantability or suitability of any Laird Technologies materials or products for any specific or general uses. Laird Technologies shall not be liable for incidental or consequential damages of any kind. All Laird Technologies products are sold pursuant to the Laird Technologies' Terms and Conditions of sale in effect from time to time, a copy of which will be furnished upon request. © Copyright 2012 Laird Technologies, Inc. All Rights Reserved. Laird, Laird Technologies, the Laird Technologies Logo, and other marks are trade marks or registered trade marks of Laird Technologies, Inc. or an affiliate company thereof. Other product or service names may be the property of third parties. Nothing herein provides a license under any Laird Technologies or any third party intellectual property rights.